

### Abstract

The invention relates to a DLP-projector for the active projection of stereoscopic images, with the projector comprising a DMD, at least a first driver circuit interacting with a memory (6) and controlling at least one DMD (4), and at least a first signal input (1) for the input of image data of at least a first image channel and a second image channel. In order to enable simplest possible construction of such a DLP-projector, there are provided: A second driver circuit interacting with a memory (6'); and a switching device (7), which is connected on one side with the two driver circuits and on the other side with at least the one DMD (4); with the first driver circuit processing image data of the first image channel and the second driver circuit processing image data of the second image channel; and the switching device directing to the DMD (4) alternately one or more images or frames from the first driver circuit and one or more images or frames from the second driver circuit.